

[HEAT TRANSFER ENHANCEMENT OF VENTILATION GROOVES OF ROTOR END WINDINGS IN DYNAMOELECTRIC MACHINES]

Abstract of Disclosure

A technique for enhancing heat transfer ventilation grooves is provided which allows the cooling groove dimensions to be minimized while satisfying endwinding cooling requirements. Groove dimension may be minimized by including surface manifestations and/or selecting a non-linear groove configuration or shape to enhance heat transfer.

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